



## Concrete Supply Company – Mauldin Plant

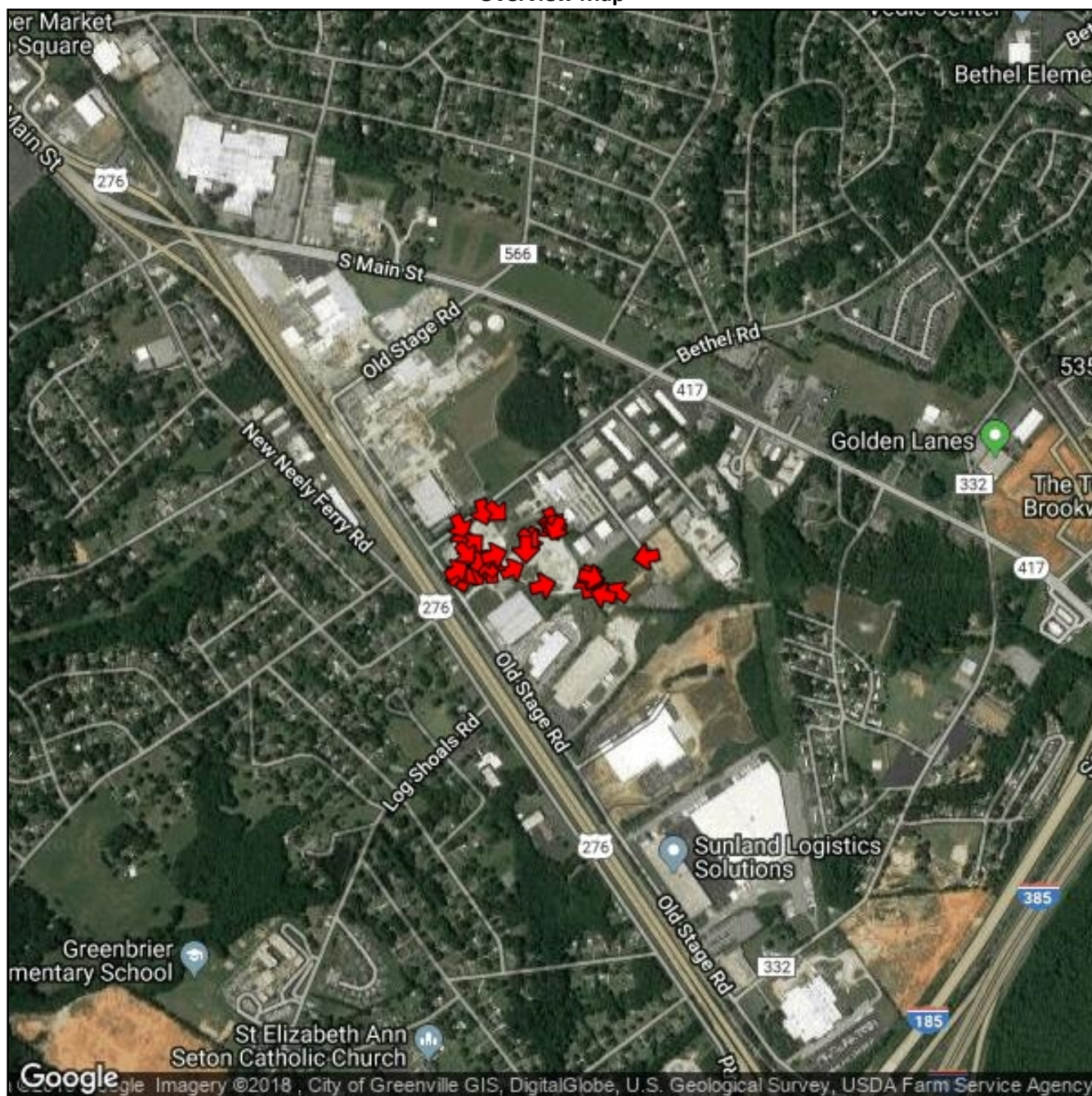
### Unpermitted Industrial Stormwater Inspection SC

December 11, 2018

SW-CSCMauldin-12/11/18

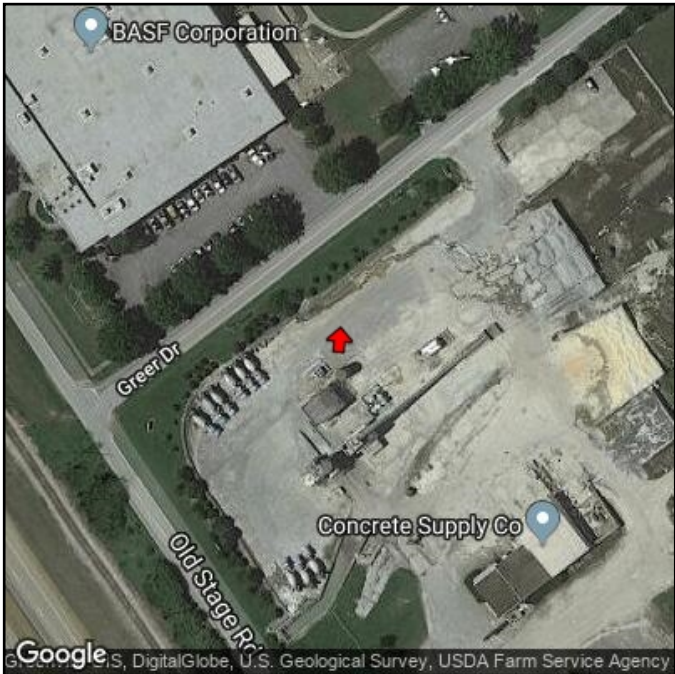
U.S. Environmental Protection Agency - Region 4

#### Overview Map



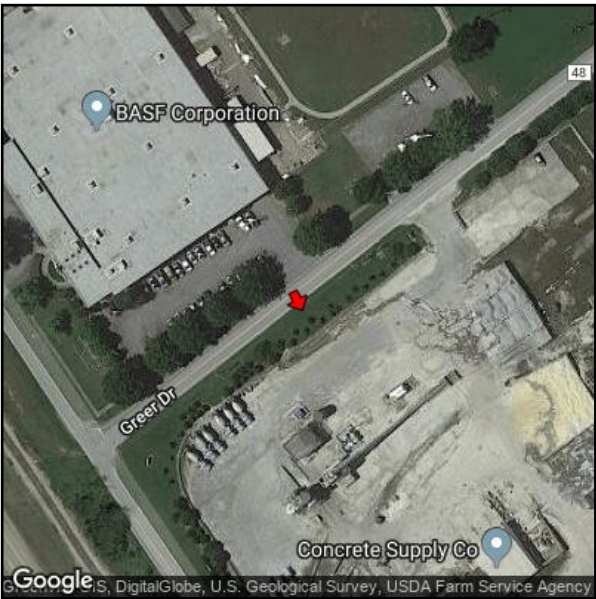
The red arrows on the locator maps indicate the location and orientation of the photos in this log.





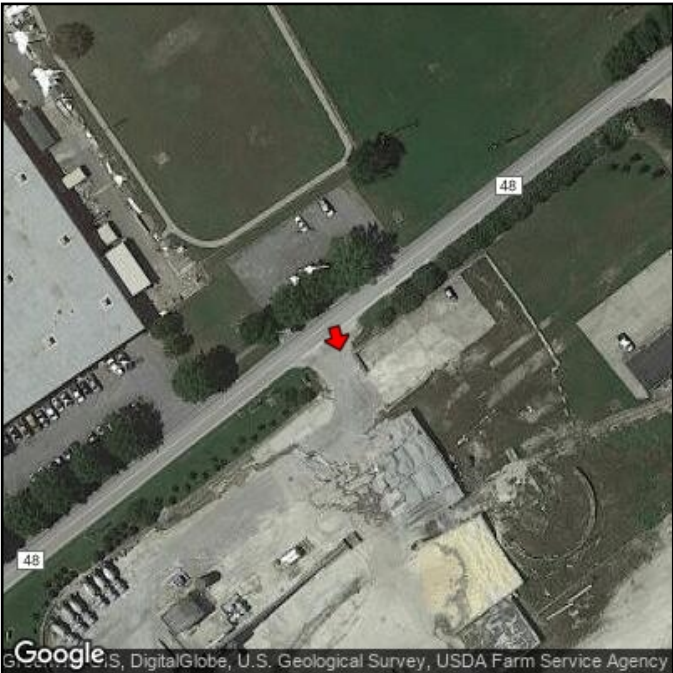
Attributes	
Description	Prior Outfall #1 is at base of wall in background. The facility stated that they have blocked the outfall and no longer treat it as an outfall. Evidence of ongoing drainage off-site at this location was visible from the NW side of the wall.





Attributes	
Description	Hand is pointing at location of Outfall #1. The facility stated that they have blocked the inlet to the outfall and no longer treat it as an outfall. Evidence of ongoing drainage off-site at this location was visible on the wet ground in the shadow.





Attributes	
Description	Pile with escaped material and stormwater running off. Drainage flows to the driveway to, and ditch along, Greer Drive.





Attributes	
Description	View of concrete recycling area. Walking towards the conveyance to Outfall #1.





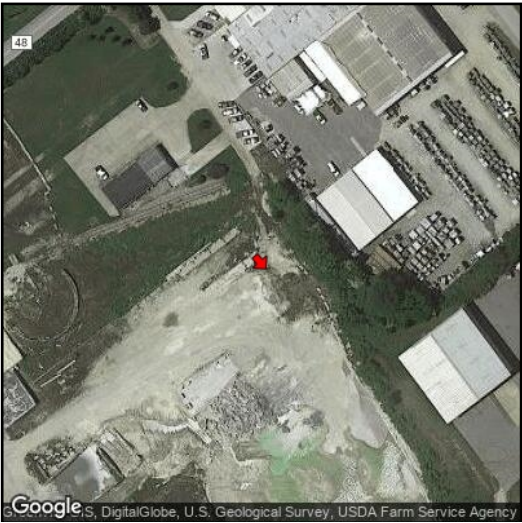
Attributes	
Description	View upgradient of water flowing towards Outfall #1 from the aggregate storage pile. The pile was being watered with city water.





Attributes	
Description	View looking downgradient of water flowing towards Outfall #1 from the aggregate storage pile. The pile was being watered with city water.





Attributes	
Description	The post in the photo is the approximate location of where the facility used to have Outfall #3. The facility stated that they moved material to block Outfall #3 and no longer treat it as an outfall. The flowing water shown in photo DSCN1507 goes under the concrete slab in the left-center of the photo. The outlet of this conveyance was not readily accessible.





Attributes	
Description	The post in the photo is the approximate location of Outfall #3. Outfall 3 is considered to be unused by the facility. The center of the photo is a vegetated ditch along the NE property line.





Attributes	
Description	"Returned Concrete Recycling" area with water, on the east side of the facility. Note that the water is nearly at the top of the berm in some locations.





Attributes	
Description	Another view of the Returned Concrete Recycling area.





Attributes	
Description	Slurry washout area, northern end.





Attributes	
Description	Southwestern side of the slurry washout area. When slurry solids are mucked out, the solids are placed in piles downgradient - see back left in photo.





Attributes	
Description	The pond level of the concrete recycling area was near the top of the berm. The adjacent neighbor had complained about water discharge to CSC about a year prior to the inspection, and CSC increased the berm wall height after the complaint.





Attributes	
Description	The water in the concrete recycling area pond level is near the top of the berm.





Attributes	
Description	Former rail spur at front of facility. Stormwater Outfall #2 is along that line (gravel, mid-photo).





Attributes	
Description	Foreground is truck wash area; ready-mix tower in background.





Attributes	
Description	Stormwater Outfall #2. Water flows southwesterly, towards photographer.





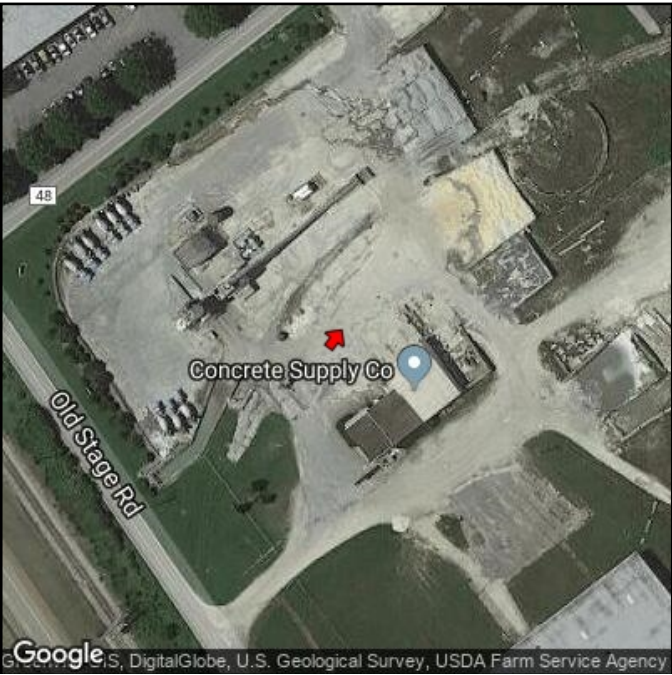
Attributes	
Description	Fluids for truck maintenance and other materials are stored in this building.





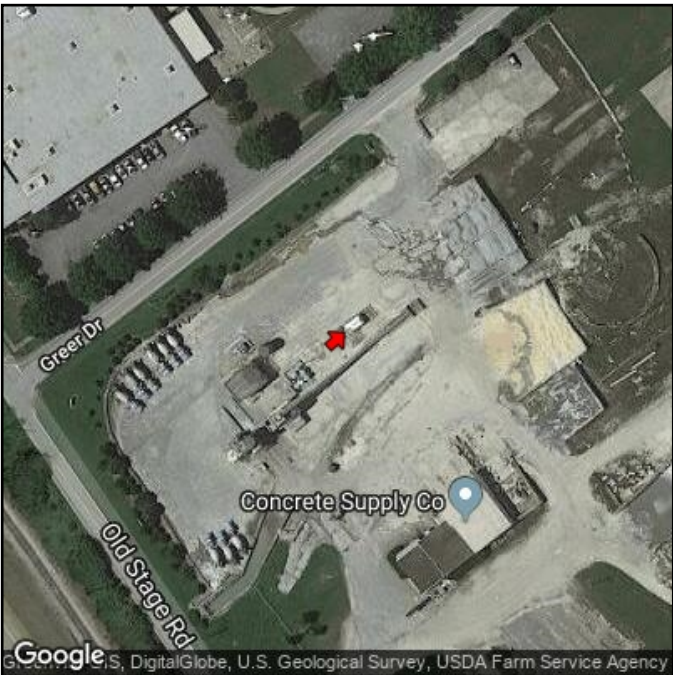
Attributes	
Description	Mixing and dispensing facilities - the tote at the left serves the truck wash station and the tanks center-right are liquids ad-mixes for various concrete mixes.





Attributes	
Description	Sand and other piles are exposed to rainwater.





Attributes	
Description	Diesel fill station - double walled fuel tank with bollards and filling plumbing.





Attributes	
Description	Pile of light weight aggregate. This pile is sprayed with municipal water through sprinklers.



DSCN1524.JPG

**Feasibility Study**

Date: March 12, 2018

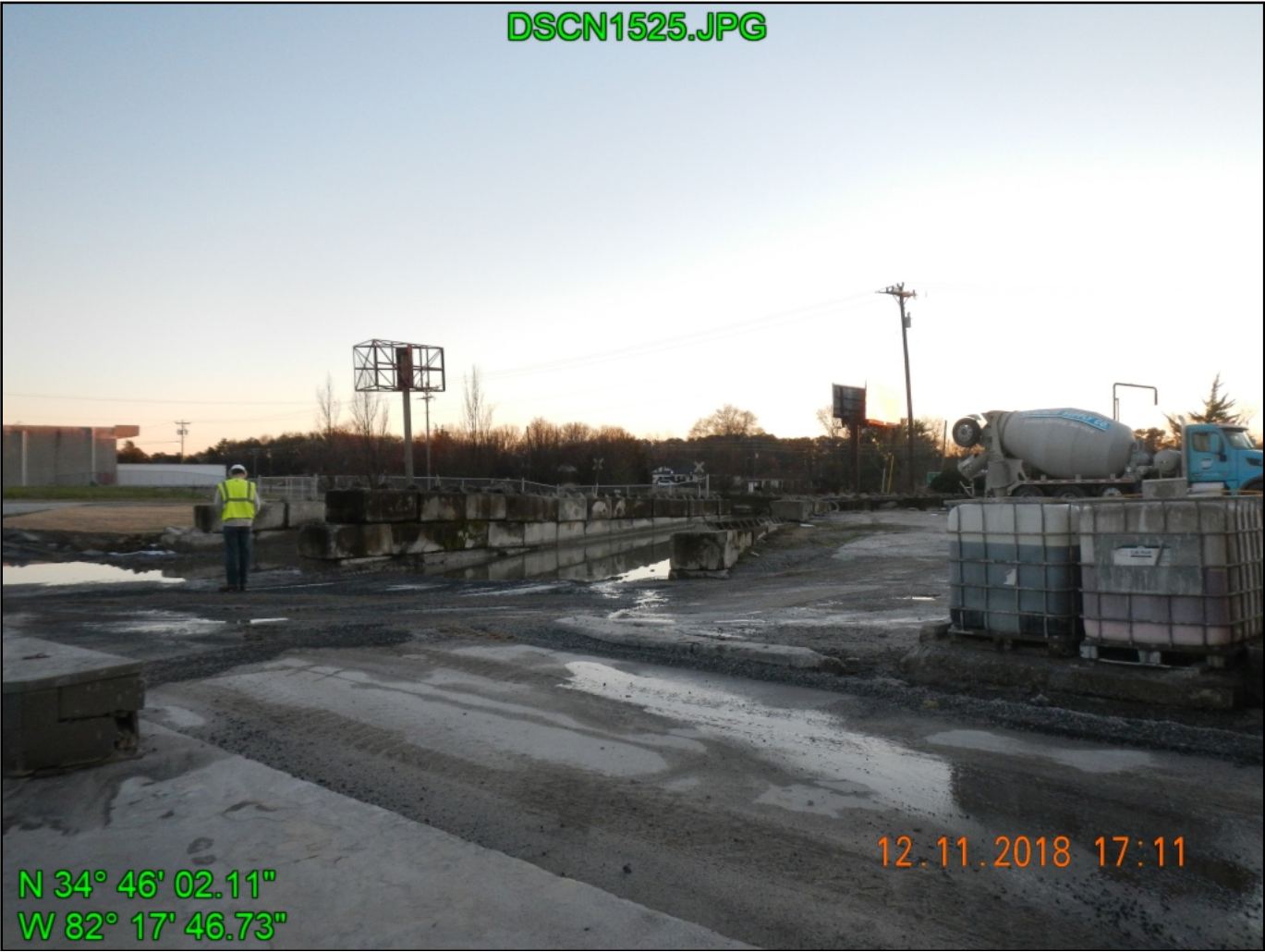
As of this date, Concrete Supply Co., LLC does not find it economically or technically feasible to alter the operations and storage practice of this site. CSC believes that the Stormwater control measures in place are suitable for this operation and any change in their design would not improve their performance. Due to the size and nature of our raw material inventories, our storage practices are limited to the size and cost of available substitutes; however within our daily operations we employ BMPs to continually address and correct to the best of our abilities any and all materials that may come in to contact with Stormwater runoff.

Johnie Alexander  
Concrete Supply Co  
Environmental Manager

12.11.2018 16:32

Attributes	
Description	The SWPPP contained a March 12, 2018 Feasibility Study statement. This "Feasibility Study" note contained no alternatives that were analyzed, nor any cost assessments.





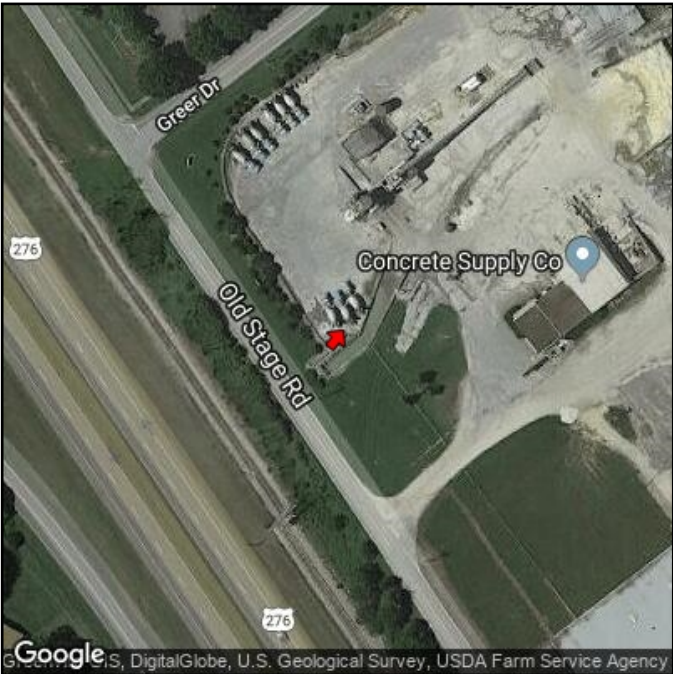
Attributes	
Description	Recycled water basin at left-center, and truck washdown station foreground and right.





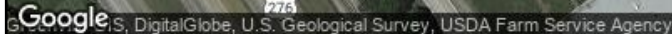
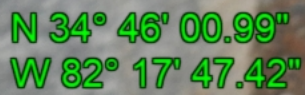
Attributes	
Description	Pump station in water recycling area. The holding basin had 3 inches of freeboard and evidence of past overflows.





Attributes	
Description	A closer view of the inlet side of water pump equipment at the recycle water basin. Water level is about 3 inches from overflowing.





Attributes	
Description	A view of the recycle water pump headers. Note the sediment deposition indicating previous flows of water from the parking area next to the basin. That water would flow towards the ditch along Old Stage Road.





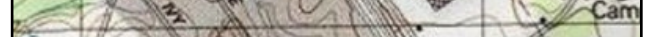
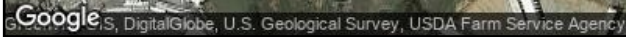
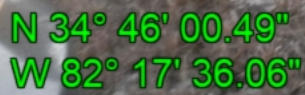
Attributes	
Description	Water from the area of the berm surrounding the concrete recycle area (horizon/background center-right) flows towards the photographer.





Attributes	
Description	Stormwater conveyance behind recycled concrete area berm.





Description	View of inspector pointing at the multiple seeps from the berm wall which were flowing past his feet towards the right lower corner of the photo. These seeps were flowing enough water to be audible.
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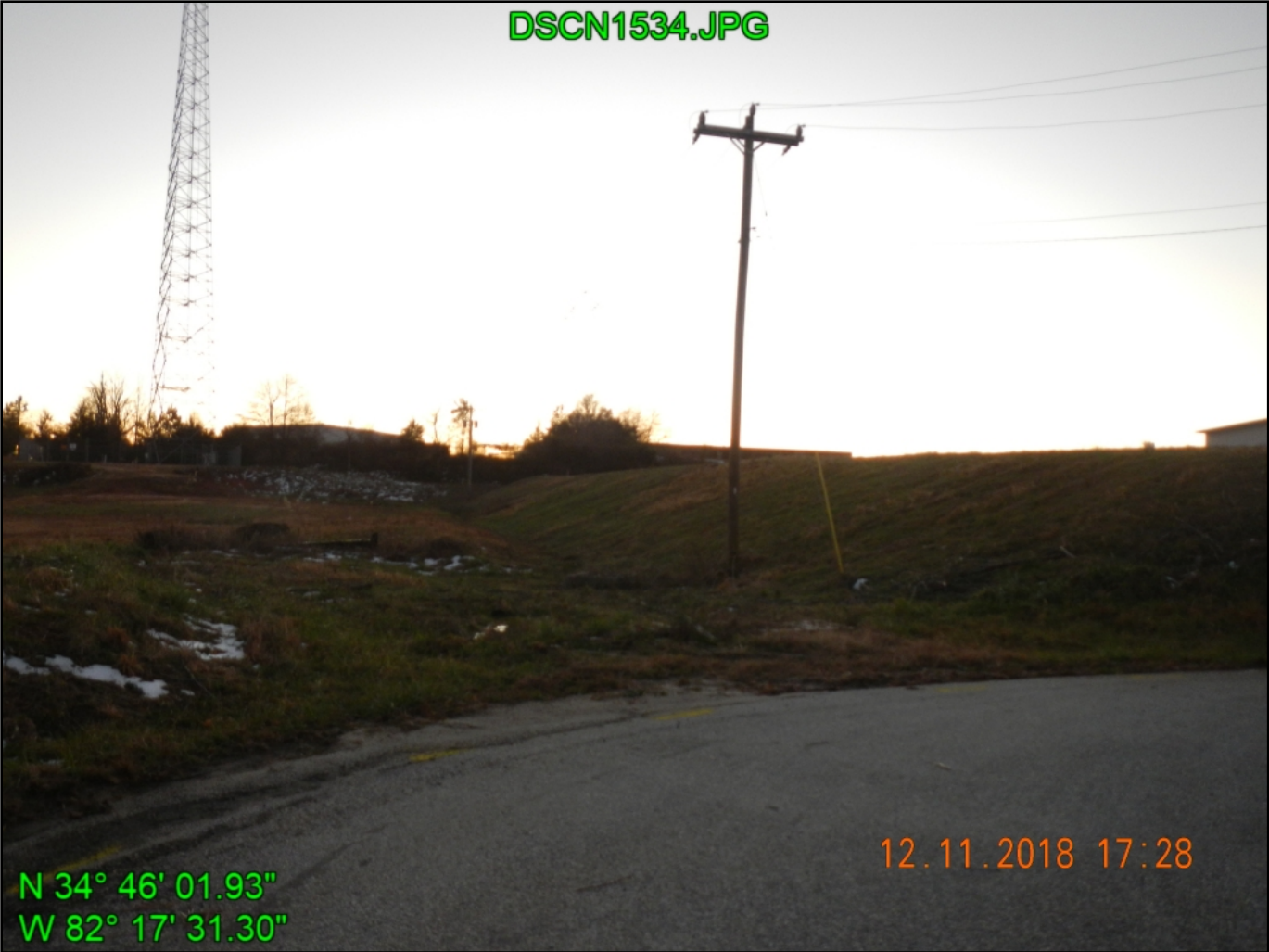
Attributes	
Description	In the foreground is the inlet side of a pipe under the access road. It receives water from the northwestern side of the facility, including from the outlet area of Outfall #3 and the seeps from the berm around the concrete recycling area.





Attributes	
Description	Outlet side of the pipe under the road that handles runoff from this side of the site. This conveyance is next to the cell tower access road. Water was observed flowing through this conveyance.





Attributes	
Description	Drop inlet downgradient from the pipe in photos DSCN1532 and DSCN1533.